



PRODUCTION GAPS

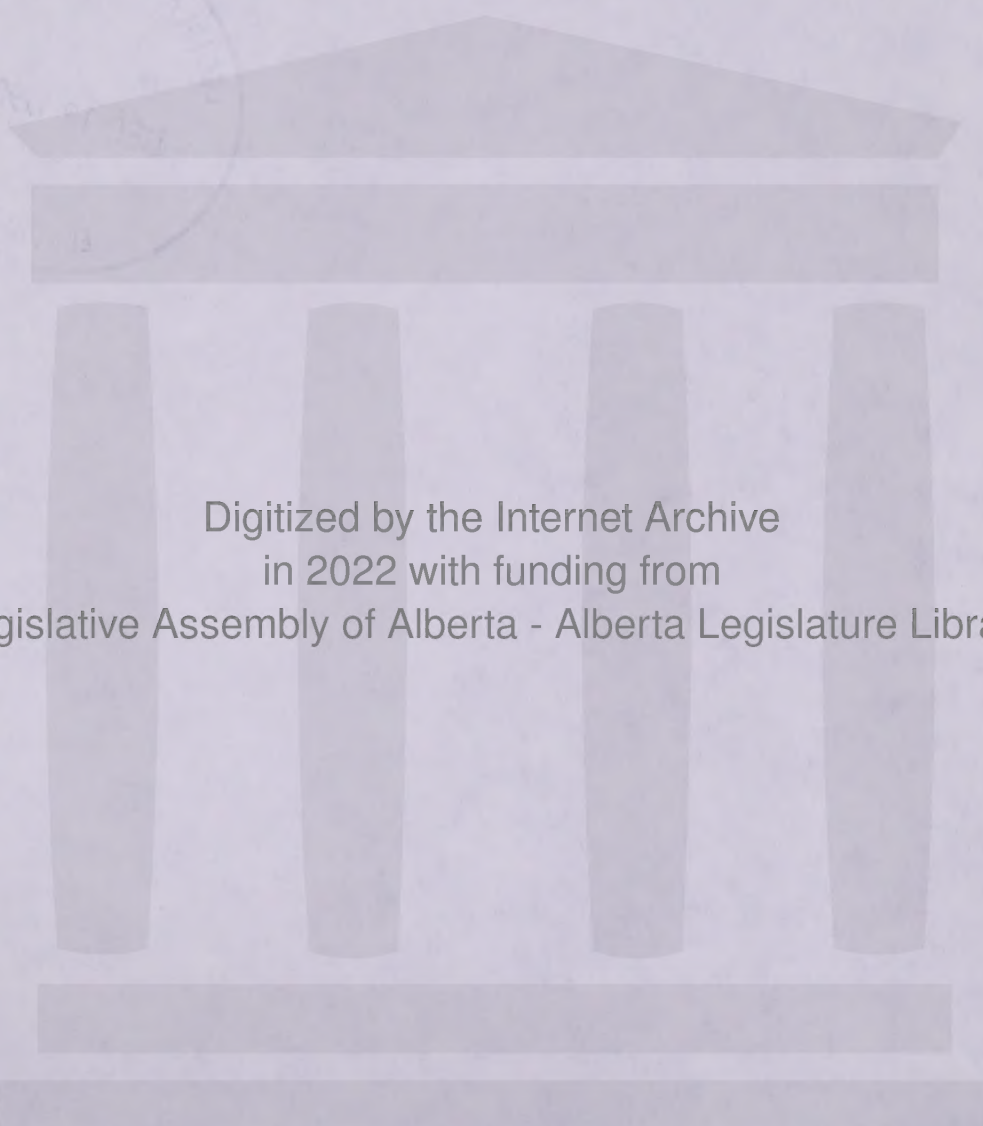
IN

ALBERTA INDUSTRY

Prepared by

D. D. Tamney,
Department of Industry and Tourism,
Edmonton, Alberta.

October, 1968



Digitized by the Internet Archive
in 2022 with funding from
Legislative Assembly of Alberta - Alberta Legislature Library

INTRODUCTION

The following sheets deal with commodities consumed in Alberta.

We have estimated the consumption of each commodity, determined the production in Alberta and, by subtracting production from consumption, arrived at a "production gap" for the commodity. The consumption figures were determined by applying national average consumption data to the province. As such these figures are rough estimations only.

The current freight rates between eastern Canada and Edmonton and Calgary, and a list of the present manufacturers of the product, are included.

In a number of cases an asterisk replaced the "production gap" figure. In each of these cases the Alberta production figures, volume and value, are confidential, i. e. the operations of an individual firm could be determined if the figures were shown. Since consumption is shown, revealing the production gap would allow calculation of the production figure. These case sheets have been retained because we feel that a substantial manufacturing opportunity still exists.

The data presented are intended to stimulate investigation as to the possibility of manufacture of the commodities in Alberta. If an industrial prospect shows serious interest in manufacturing a particular product, please write to the Industrial Development Branch, Room 1820, Centennial Building, Edmonton, Alberta. At that time, a decision will be made as to whether or not a special survey to obtain more reliable figures would be warranted.

ALUMINUM EXTRUSIONS

	<u>Quantity</u> tons	<u>Value</u> \$'000
Consumption Alberta	1,189	1,248
Production Alberta	Confidential	
Production Gap	*	

* Datum confidential but an opportunity appears to exist.

Freight Rate:

Ottawa - Edmonton)
Calgary) \$4.94/cwt. 40,000 lbs. minimum

Manufacturers in Western Canada:

Manitoba

Price - Acme of Canada Ltd., Winnipeg

Price, E. H. Ltd., Winnipeg

Alberta

Indalex Ltd., Calgary

British Columbia

Aluminum Company of Canada Ltd., Vancouver and Kitimat

NK Aluminum Products Ltd., North Kamloops

ALUMINUM SHEET AND STRIP

	<u>Value</u> <u>\$'000</u>
Consumption Alberta	1,209
Production Alberta	Nil
Production Gap	1,209

Freight Rate:

Toronto - Edmonton)
) \$2.80/cwt. 60,000 lbs. minimum
) Calgary)

Manufacturers of Aluminum Sheet and Strip in Canada:

Quebec

Aluminum Company of Canada Ltd., Montreal
Noranda Copper Mills Ltd., Montreal East
Reynolds Aluminum Company of Canada Ltd., Cap-de-la-Madeleine

Ontario

Aluminum Goods Limited, Toronto
Kaiser Aluminum Company, Div. of Kaiser Aluminum
and Chemical Canada Limited, Scarborough
Supreme Aluminum Industries Limited, Scarborough

Value
(Retail Prices)
\$000

Consumption Western Canada	12,700
Consumption Alberta	4,303
Production Alberta	Confidential
Production Gap	*

* Datum confidential but an industrial opportunity appears to exist.

BATTERY CABLES, AUTOMOTIVE

	Quantity no.
Consumption Western Canada	1,070,000
Consumption Alberta	300,000
Production Alberta	confidential
Production Gap	*

* Datum confidential but an industrial opportunity appears to exist.

Freight Rates:

Oshawa - Edmonton	\$4.22/cwt. 24,000 lbs. minimum
Calgary	\$4.32/cwt. 24,000 lbs. minimum

Manufacturer of Battery Cables, Western Canada:

Alberta

Peerless Motor Products Ltd., Calgary

Alberta

Beary Co. Ltd., Edmonton
Barnes & Co. Ltd., Calgary
Shelby Bros., Edmonton
White Star of Canada, Edmonton

British Columbia

Fraser Mfg. Co. Ltd., Vancouver
Crested Butte Co. Ltd., Vancouver
Crested Butte Co. Ltd., Vancouver
Fraser Mfg. Co. Ltd., Vancouver
Fraser Mfg. Co. Ltd., Vancouver

BLOUSES, WOMENS AND GIRLS

	<u>Value</u> (Retail Prices) \$'000
Consumption Western Canada	12,700
Consumption Alberta	4,400
Production Alberta	Confidential
Production Gap	*

* Datum confidential but an industrial opportunity appears to exist.

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	<hr/>		
	\$/ cwt.		
Toronto - Edmonton)			
- Calgary)	7.36	7.26	6.94

Freight Rate Cotton, nylon, cotton blends, dacron, rayon, silk, fabrics: (Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Womens and Girls Blouses, Western Canada:

Manitoba

Canadian National Institute for the Blind, Winnipeg
Joni Originals Ltd., Winnipeg
Monarch Wear of Canada, Winnipeg
National Sportswear Ltd., Winnipeg
Viceroy Sportswear Ltd., Winnipeg

Alberta

Emery Co. Ltd., Edmonton
Hatchwear Uniform Co. Ltd., Calgary
Shirley Frocks, Edmonton
White Stag of Canada, Edmonton

British Columbia

Fraser Mfg. Co. Ltd., Vancouver
Original Elouse Co. Ltd., Vancouver
Queen Bess Dress Co. Ltd., Vancouver
Spence - Lambie Co., Vancouver
Vancouver Garments Ltd., Vancouver

BRAKE SETS, FRONT & REAR

	<u>Quantity</u> no.
Consumption Western Canada	1,090,000
Consumption Alberta	307,000
Production Alberta	nil
Production Gap	307,000

Freight Rate:

Oshawa - Edmonton	\$4.22/cwt.	24,000 lbs. minimum
Calgary	\$4.32/cwt.	24,000 lbs. minimum

Manufacturers of Brake Shoes, Western Canada

Manitoba

Prairie Remanufacturing Centre, Winnipeg
Replacement Unit Company of Canada Ltd., Calgary

Saskatchewan

Bowman Bros. Ltd., Saskatoon

British Columbia

Dendoff Springs Ltd., Vancouver & Nanaimo
Nanaimo Foundry & Engineering Works Ltd., Nanaimo
Victoria Machinery Depot Co. Ltd., Victoria.

BRASSIERES

	<u>Value</u> (Retail Prices) \$'000
Consumption Western Canada	11,800
Consumption Alberta	4,100
Production Alberta	Nil
Production Gap	4,100

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	<hr/>		
	\$/cwt.		
Toronto - Edmonton)			
- Calgary)	7.36	7.26	6.94

Freight Rate: Cotton, Nylon, Latex.
(Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

No Manufacturers in Western Canada.

COATS, COAT SETS, BUNTINGS, SNOW SUITS, CHILDREN AND INFANTS

	Value (Retail Prices) \$'000
Consumption Western Canada	2,600
Consumption Alberta	900
Production Alberta	Nil
Production Gap	900

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	\$/cwt.		
Toronto - Edmonton)			
- Calgary)	7.36	7.26	6.94

Freight Rate: Nylon, wool, nylon blends and wool blends, fabrics.
(Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Childrens Wear, Western Canada:

Manitoba

Buffalo Hat and Cap Co. Ltd., Winnipeg
Canadian Garment Co. Ltd., Winkler, Miami
Raber Togs Mfg. Co., Winnipeg
Winkler Apparel Ltd., Winkler

Alberta

Emery Co. Ltd., Edmonton
Great West Garment Co., Edmonton

British Columbia

Bettina of Canada, Vancouver
Canbri B. C. Ltd., Vancouver
Symax Garment Co., Vancouver

COATS, RAIN AND ALL-WEATHER, MENS AND BOYS

	Value (Retail Prices) \$'000
Consumption Western Canada	3,800
Consumption Alberta	1,300
Production Alberta	Nil
Production Gap	1,300

Freight Rates (Pool Car):

	1,000 lbs.	Minimum Weights 10,000-20,000 lbs.	20,000 lbs. & over
		\$/cwt.	
Toronto - Edmonton)	7.36	7.26	6.94
- Calgary)			

Freight Rate:

(Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Mens and Boys Rain and All-Weather Coats, Western Canada:

Manitoba

(No breakdown given. See "Coats, Winter and Top, Mens and Boys", for manufacturers of Mens and Boys Coats in Manitoba).

Alberta

Reynolds Manufacturing Co. Ltd., Edmonton

British Columbia

B. C. Fashion Garment Co. Ltd., Vancouver
Marlin Sportswear Ltd., Vancouver
Surrey Classics Mfg. Ltd., Vancouver
Westport Mfg. Co. Ltd., Vancouver

COATS, WINTER AND TOP, MENS AND BOYS

	Value (Retail Prices) \$'000
Consumption Western Canada	26,100
Consumption Alberta	9,000
Production Alberta	Nil
Production Gap	9,000

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	\$/cwt.		
Toronto - Edmonton)	7.36	7.26	6.94
- Calgary)			

Freight Rate: Wool, wool blends, and synthetics.
(Class Rate)

Toronto - Edmonton	\$5.63/cwt.	36,000 lbs. minimum
- Calgary	\$5.72/cwt.	36,000 lbs. minimum

Manufacturers of Mens and Youths Coats, Western Canada:

Manitoba

Canadian Garment Co. Ltd., Winkler, Miami
Corrin and Sons Ltd., Winnipeg
Peerless Garments Ltd., Winnipeg
Rice Sportswear Ltd., Winnipeg
St. Malo Mfg. Co. Ltd., St. Malo
Service Sportswear Mfg. Ltd., Winnipeg
Squire Manufacturing Ltd., Winnipeg
Victoria Leather Jacket Co. Ltd., Winnipeg
Winkler Apparel Ltd., Winkler

Alberta

Fisher Matt Production Ltd., Calgary

British Columbia

Marlin Sportswear Ltd., Vancouver
Pruner Tailors, Burnaby
Tami Fashions Ltd., Vancouver
Thompson Leather Goods Co., Vancouver
Treen Glove Co. Ltd., Vancouver

COATS, WOMENS AND GIRLS, EXCEPT WINTER AND FUR

	Value (Retail Prices) \$'000
Consumption Western Canada	16,800
Consumption Alberta	5,800
Production Alberta	Nil
Production Gap	5,800

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	\$/ cwt.		
Toronto - Edmonton)			
- Calgary)	7.36	7.26	6.94

Freight Rate: Wool, leather, suede, mohair, camel hair and synthetics.

(Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Womens and Girls Coats, Western Canada:

Manitoba

Brown Fashions Ltd., Winnipeg
Canadian Garment Co. Ltd., Winkler, Miami
Corrin and Sons Ltd., Winnipeg
Freed, Josef, Clothing Co. Ltd., Winnipeg
Goldberg Brothers Ltd., Winnipeg
Gunn Garment Ltd., Winnipeg
Jacob Crowley Mfg. Co. Ltd., Winnipeg
Junior Wear Ltd., Winnipeg
Kolchin and Boxer Co. Ltd., Winnipeg
National Cloaks Ltd., Winnipeg
Sport - Ease Fashions, Winnipeg
Stall, S., and Son Ltd., Winnipeg
Sterling Cloak Co. Ltd., Winnipeg
Winkler Apparel Ltd., Winkler
Winnipeg Leather Good. Mfg. Ltd., Winnipeg
Victoria Leather Jacke Co. Ltd., Winnipeg

continued

Saskatchewan

Waldman and Paul Ltd., Saskatoon

Alberta

Fisher Matt Productions Ltd., S. W. Calgary

British Columbia

Aljean of Canada Ltd., Vancouver

B. C. Fashion Garment Co. Ltd., Vancouver

Chambers, James, Mfg. Co. Ltd., Vancouver

Fitwell Garments Ltd., Vancouver

Island Weavers Ltd., Victoria

Tami Fashions Ltd., Vancouver

Van Brit Mfg. Co. Ltd., Vancouver

COATS, WOMENS AND GIRLS, FUR

	Value (Retail Prices) \$'000
Consumption Western Canada	40,500
Consumption Alberta	14,000
Production Alberta	Confidential
Production Gap	*

* Datum confidential but an industrial opportunity appears to exist.

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	<hr/> \$/cwt. <hr/>		
Toronto - Edmonton)			
- Calgary)	7.36	7.26	6.94

Manufacturers of Fur Coats, Western Canada:

Manitoba

Gay, Peter, and Sons Ltd., Winnipeg
Hecht, J. and H., and Son Ltd., Winnipeg
Kim, M., Furs, Winnipeg
Loyns, Harold E., Furs Ltd., Winnipeg
Neaman Fur Co. Ltd., Winnipeg
Reiss Fur Co. Ltd., Winnipeg
Yaeger's Furs Ltd., Brandon

Saskatchewan

American Fur Ltd., Prince Albert
Steen and Wright Furriers Ltd., Regina
Western Furs Ltd., Regina

Alberta

Edmonton Furriers Ltd., Edmonton
Rudolf's Furs, Calgary

continued

British Columbia

Alaska Fur Co., Vancouver
Bara, Leslie, Fur Mfg., Vancouver
Canadian Fur Enterprises, Vancouver
Foster's Fine Fur Store Ltd., Vancouver
Grandview Furrier, Vancouver
Horbick Agencies Ltd., Prince George
Lubin Furs, Vancouver
Mironoff Furs Ltd., New Westminster
Penticton Furrier and Tailors, Penticton
Pop, G. L., Fur Co. Ltd., Vancouver
Stone Furs Ltd., Vancouver
Toft Furs, Vancouver

COATS, WOMENS AND GIRLS WINTER

	Value (Retail Prices) \$'000
Consumption Western Canada	34,200
Consumption Alberta	11,800
Production Alberta	Nil
Production Gap	11,800

Freight Rates (Pool Car):

	1,000 lbs.	Minimum Weights 10,000-20,000 lbs.	20,000 lbs. & over
	\$/cwt.		
Toronto - Edmonton)	7.36	7.26	6.94
- Calgary)			

Freight Rate: Wool, wool blends, synthetics and fur fabric.
(Class Rate)

Toronto - Edmonton	\$5.63/cwt.	36,000 lbs. minimum
- Calgary	\$5.72/cwt.	36,000 lbs. minimum

Manufacturers of Womens and Girls Coats, Western Canada:

(See Coats, Womens and Girls, except Winter and Fur)

CONTAINERS, CARDBOARD, MILK

	<u>Value</u> \$'000
Consumption Alberta	886
Production Alberta	Confidential
Production Gap	*

* Datum confidential but an opportunity appears to exist.

Freight Rate:

Toronto - Edmonton	\$4.08/cwt.	class rates 30,000 lbs. minimum
Calgary	\$4.13/cwt.	class rates 30,000 lbs. minimum

Manufacturers of Paper Food Containers, Western Canada:

Manitoba

Acme Paper Box Co. (1960) Ltd., Winnipeg

Alberta

Continental Can Company Ltd., Calgary and Edmonton

British Columbia

Ace Productions Ltd., Vancouver

Custom Containers Ltd., Vancouver

MacMillan Bloedell Packaging Ltd., New Westminster

Sonoco Products Co. of Canada, New Westminster

CORSETS AND GIRDLES

	<u>Value</u> (Retail Prices) \$'000
Consumption Western Canada	11,300
Consumption Alberta	3,900
Production Alberta	Nil
Production Gap	3,900

Freight Rates (Pool Car):

		Minimum Weights	
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
		<hr/> \$/cwt. <hr/>	
Toronto - Edmonton)			
- Calgary)	7.36	7.26	6.94

Freight Rate: Nylon, cotton, nylon blend, latex.

(Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

No Manufacturers in Western Canada.

CROWNS FOR BOTTLES (Metal Caps)

	<u>Value</u> <u>\$'000</u>
Consumption Alberta	500
Production Alberta	Nil
Production Gap	500

Freight Rates:

Toronto - Edmonton) Calgary)	\$2.87 / cwt.	40,000 lbs. minimum
-----------------------------------	---------------	---------------------

Manufacturers in Canada:

Ontario

Anchor Cap and Closure Corp. Canada Ltd., Toronto
Bernardin of Canada Ltd., Toronto
Continental Can Co. of Canada Ltd. Toronto
Crown Cork and Seal Co. Ltd., Maple
Metcan Products Ltd., Scarborough

DOORS, IRON OR STEEL

	<u>Value</u> (Manufacturers Price) \$'000
Consumption Western Canada	6,600
Consumption Alberta	2,000
Production Alberta	Confidential
Production Gap	*

* Datum confidential but an opportunity appears to exist.

Freight Rate: (Class)

Toronto - Edmonton	\$4.60/cwt.	30,000 lbs. minimum
Calgary	\$4.68/cwt.	30,000 lbs. minimum

Manufacturers of Steel Doors, Western Canada :

Manitoba

MacDonald Bros. Sheet Metal & Roofing Co. Ltd., Winnipeg
Westeel-Rosco Ltd., St. Boniface
Western Elevator and Motor Co. Ltd., Winnipeg

Saskatchewan

Armco Drainage and Metal Products of Canada Ltd., Regina
Crown Iron Co. Ltd., Regina
Prince Alberta Foundry Ltd., Prince Albert
Saskatoon Ornamental Iron Works, Saskatoon
Westeel Products Ltd., Saskatoon

Alberta

Industrial Sheet Metal Products, Div. Recold of Canada Ltd., Calgary
McKinley and Taylor Ltd., Edmonton
Westeel-Rosco Ltd., Edmonton

British Columbia

Burrard Dry Dock Co. Ltd., North Vancouver
Canada Iron Foundries Ltd., Vancouver
Coast Steel Fabricators Ltd., Burnaby
Permasteel Engineering Ltd., Vancouver
Richards-Wilcox Co. Ltd., Vancouver
Van Metal Products Ltd., Burnaby

	Value (Manufacturers Price) \$'000
Consumption Western Canada	7,000
Consumption Alberta	1,800
Production Alberta	Confidential
Production Gap	*

* Datum confidential but opportunity appears to exist.

Freight Rate: (Class)

Toronto - Edmonton	\$5.63/cwt.	20,000 lbs. minimum
Calgary	\$5.76/cwt.	20,000 lbs. minimum

Manufacturers of Aluminum Doors, Western Canada:

Manitoba

Alsco Supreme Industries Ltd., Winnipeg
 Canadian Pittsburgh Industries Ltd., Winnipeg
 Dorwin Industries (1964) Ltd., Winnipeg
 Goertyen Aluminum Works, Winnipeg
 Killeen, C. A. and Sons Ltd., Winnipeg
 MacDonald Bros. Sheet Metal & Roofing Co. Ltd., Winnipeg
 Norwest Aluminum Products, Winnipeg
 Shopost Iron Works Ltd., St. Boniface
 Storm-Tite Industries Ltd., Winnipeg

Saskatchewan

Alglaze Manufacturing, Swift Current
 Aluminum and Allied Products Ltd., Moose Jaw
 Alumiseal Ltd., Saskatoon
 Hi-Life Aluminum Sales Ltd., Regina
 Humphrey Aluminum Products Ltd., Regina
 Pilkington Glass Ltd., Regina
 Silvester Glass Shop, North Battleford
 Stevens Aluminum Products Ltd., Saskatoon
 Wescab (Sask.) Ltd., Saskatoon
 Westeel Products Ltd., Saskatoon

Alberta

Alsco-Carlton, Calgary
 Alum Awning and Window Products Ltd., Calgary
 Gienow Sash and Door Co. Ltd., Calgary
 Hollyview Aluminum Products Ltd., Edmonton
 Humphrey Aluminum Windows Ltd., Edmonton
 Precision Window and Awning, Red Deer
 Schieve Aluminum Window and Door Ltd., Edmonton
 Superior Sash and Supply (Edmonton) Ltd., Edmonton
 Wescab Mfg. Ltd., Edmonton

(Continued)

Alberta (Continued)

Westeel-Rosco Ltd., Edmonton
Western Aluminum Products Ltd., Calgary
Western Building Sealants Contracting Ltd., Calgary

British Columbia

A and M Industries Co. Ltd., Coquitlam
Almetco Mfg. Corp. Ltd., New Westminster
Atlas Glass Co. Ltd., Vancouver
Bogardus Wilson Ltd., Prince George, Vancouver, Nanaimo
Canadian Pittsburgh Industries Ltd., Vancouver, Victoria, N. Vancouver
Daycan Ltd., Div. of Daymond Co. Ltd., Vancouver
Flexible Window Screen Co., Richmond
Hollycraft Building Products Ltd., New Westminster
NK Aluminum Products Ltd., North Kamloops
Northrop Architectural Systems Ltd., Vancouver
Ornamental Bronze Co. Ltd., Vancouver
Starline Products Ltd., White Rock
W and S Glass and Aluminum Products Ltd., Prince George
Wescraft Mfg. Ltd., Victoria and Saanick

DOORS, WOODEN, OTHER

	<u>Value</u> (Manufacturers Price) \$'000
Consumption Western Canada	3,300
Consumption Alberta	1,000
Production Alberta	423
Production Gap	477

Freight Rate:

Toronto - Edmonton	\$2.77/cwt.	36,000 lbs. minimum
Calgary	\$2.83/cwt.	36,000 lbs. minimum

Manufacturers of Wooden Doors, Western Canada:

Manitoba

B and R Millwork Industries Ltd., Winnipeg
General Sash Ltd., Winnipeg
Loewen, C. T. and Sons, Steinbach
Newman Millwork Ltd., St. Boniface

Saskatchewan

Alford's Custom Millwork, Saskatoon
Boychuck Lumber (Sask.) Ltd., Saskatoon
Constructors Ltd., Regina
Hy-Grade Millwork Ltd., Saskatoon
MacWilliams Sash and Door, Swift Current,
Maslany, J., Cabinet Mfg. Ltd., Regina
Modern Millworks (Saskatoon) Ltd., Saskatoon
Nelson Manufactured Homes, Lloydminster
North American Lumber Co. Ltd., Prince Albert
Pre-Bilt Ltd., Regina
Prince Albert Mfg. Co. Ltd., Prince Albert
Shavers Sash and Door Ltd., Regina
Summers, H., and Son Ltd., Saskatoon

Alberta

Calgary Sash and Door Ltd., Calgary
Commercial Woodcrafts (1960) Edmonton
Eastern Sash and Supply Ltd., Edmonton
Edmonton Millwork Ltd., Edmonton
Forest Lawn Sash and Door, Calgary
Hilltop Millwork Ltd., Lethbridge
Jasper Millwork Ltd., Edmonton
Kitagawa Moulding and Building Supplies, Lethbridge
Lethbridge Sash and Door Factory Ltd., Lethbridge
Menzies and Herbert Ltd., Red Deer
Superior Sash and Supply (Edmonton) Ltd., Edmonton
Westlock Sash and Door, Westlock
W. R. Zeidler (1962) Ltd., Edmonton

(Continued)

British Columbia

B. C. Millwork Products Ltd., Vancouver
Castlegar Sash and Door Works, Castlegar
Chilliwack Sash and Door Co., Chilliwack
Fraser Sash and Door Co. Ltd., Vancouver
Hodgson Sash and Door Co. Ltd., Vancouver
North Shore Sash and Door Co. Ltd., North Vancouver
Phoenix Doors Ltd., Port Coquitlam
Sherwood Building Products Ltd., North Vancouver
Sigurdson Millwork Co. Ltd., Vancouver
Superior Woodworks Ltd., Vancouver
Weldwood of Canada Ltd., Vancouver, Quesnel, Lac La Hache,
Squamish, Port Moody, New Westminster.

DOORS, WOODEN, RESIDENTIAL

	Value (Manufacturers Price) \$'000
Consumption Western Canada	4,300
Consumption Alberta	1,100
Production Alberta	13
Production Gap	1,087

Freight Rate:

Toronto - Edmonton	\$2.77/cwt.	36,000 lb. minimum
Calgary	\$2.83/cwt.	26,000 lb. minimum

Manufacturers of Wooden Doors, Western Canada:Manitoba

B and R Millwork Industries Ltd., Winnipeg
 General Sash Ltd., Winnipeg
 Loewen, C.T. and Sons, Steinbach
 Newman Millwork Ltd., St. Boniface

Saskatchewan

Alford's Custom Millwork, Saskatoon
 Boychuck Lumber (Sask.) Ltd., Saskatoon
 Constructors Ltd., Regina
 Hy-Grade Millwork Ltd., Saskatoon
 MacWilliams Sash and Door, Swift Current
 Maslany, J., Cabinet Mfg. Ltd., Regina
 Modern Millworks (Saskatoon) Ltd., Saskatoon
 Nelson Manufactured Homes, Lloydminster
 North American Lumber Co. Ltd., Prince Albert
 Pre-Bilt Ltd., Regina
 Prince Albert Mfg. Co. Ltd., Prince Albert
 Shavers Sash and Door Ltd., Regina
 Summers, H., and Son Ltd., Saskatoon

Alberta

Calgary Sash and Door Ltd., Calgary
 Commercial Woodcrafts (1960) Edmonton
 Eastern Sash and Supply Ltd., Edmonton
 Edmonton Millwork Ltd., Edmonton
 Forest Lawn Sash and Door, Calgary
 Hilltop Millwork Ltd., Lethbridge
 Jasper Millwork Ltd., Edmonton
 Kitagawa Moulding and Building Supplies, Lethbridge
 Lethbridge Sash and Door Factory, Lethbridge
 Menzies and Herbert Ltd., Red Deer
 Superior Sash and Supply (Edmonton) Ltd., Edmonton
 Westlock Sash and Door, Westlock
 W. R. Zeidler (1962) Ltd., Edmonton

(Continued)

British Columbia

B. C. Millwork Products Ltd., Vancouver
Castlegar Sash and Door Works, Castlegar
Chilliwack Sash and Door Co., Chilliwack
Fraser Sash and Door Co. Ltd., Vancouver
Hodgson Sash and Door Co. Ltd., Vancouver
North Shore Sash and Door Co., Ltd., North Vancouver
Phoenix Doors Ltd., Port Coquitlam
Sherwood Building Products Ltd., North Vancouver
Sigurdson Millwork Co. Ltd., Vancouver
Superior Woodworks Ltd., Vancouver
Weldwood of Canada Ltd., Vancouver, Quesnel, Lac La Hache,
Squamish, Port Moody, New Westminster

DRESSES, HOUSE AND OTHER

Value
(Retail Prices)
\$'000

Consumption Western Canada	55,400
Consumption Alberta	19,200
Production Alberta	Confidential
Production Gap	*

* Datum confidential but an industrial opportunity appears to exist.

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	<hr/> \$/cwt. <hr/>		
Toronto - Edmonton)	7.36	7.26	6.94
- Calgary)			

Freight Rate: Cotton, nylon, dacron, wool, wool blends, silk and rayon fabrics.

(Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Dresses, Western Canada:

Manitoba

Brown Fashions Ltd., Winnipeg
 Canadian National Institute for the Blind, Winnipeg
 Joni Criginals Ltd., Winnipeg
 Ladies Kraft Sales of Canada Ltd., Winnipeg
 National Sportswear Ltd., Winnipeg
 Young Ideas Ltd., Winnipeg

Alberta

Emery Co. Ltd., Edmonton
 Shirley Frocks, Edmonton
 White Stag of Canada, Edmonton

British Columbia

Aljean of Canada Ltd., Vancouver
 Bernard Casuals Ltd., Vancouver
 Chambers, James, Mfg. Co. Ltd., Vancouver
 Fitwell Garments Ltd., Vancouver
 Hamilton, Marjorie, Ltd., Vancouver
 Queen Bess Dress Co. Ltd., Vancouver
 Spence - Lambie Co., Vancouver
 Vancouver Garments Ltd., Vancouver

EXHAUST SYSTEMS

	<u>Quantity</u> no.
Consumption Western Canada	1,070,000
Consumption Alberta	300,000
Production Alberta	Nil
Production Gap	300,000

Freight Rates:

Oshawa - Edmonton	\$4.22/cwt.	24,000 lbs. minimum
Calgary	\$4.32/cwt.	24,000 lbs. minimum

Manufacturers of Automotive Mufflers, Western Canada:

Saskatchewan

McNulty's Welding Ltd., Saskatoon
Spring Service Ltd., Regina

British Columbia

Alberni Engineering and Shipyard Ltd., Port Alberni
Broadway Welding Shop Ltd., Vancouver
Coast Coppersmiths, Vancouver
Sigi's Machine Shop, Vancouver
Thom, W. A., Sheet Metal Works Ltd., Vancouver

FAN BELTS

	<u>Quantity</u> no.
Consumption Western Canada	1,070,000
Consumption Alberta	300,000
Production Alberta	nil
Production Gap	300,000

Freight Rate:

Oshawa - Edmonton	\$4.22/cwt.	24,000 lbs. minimum
Calgary	\$4.32/cwt.	24,000 lbs. minimum

Manufacturers of Fan Belts, Canada

Ontario

Dayton Rubber Company (Canada) Ltd., Weston
Dunlop Canada Limited, Whitby
E. F. Goodrich Rubber Company of Canada Ltd. Kitchener
Goodyear Tire and Rubber Company of Canada Ltd., Toronto

FILTERS, AIR

	<u>Quantity</u> no.
Consumption Western Canada	700,000
Consumption Alberta	200,000
Production Alberta	nil
Production Gap	200,000

Freight Rate:

Oshawa - Edmonton	\$4.22/cwt.	24,000 lbs. minimum
Calgary	\$4.32/cwt.	24,000 lbs. minimum

No Manufacturers in Western Canada.

FILTER, FUEL

	<u>Quantity</u> no.
Consumption Western Canada	700,000
Consumption Alberta	200,000
Production Alberta	confidential
Production Gap	*

* Datum confidential but an industrial opportunity appears to exist.

Freight Rate:

Oshawa - Edmonton	\$4.22/cwt.	24,000 lbs. minimum
Calgary	\$4.32/cwt.	24,000 lbs. minimum

Manufacturers of Gasoline Filters, Western Canada:

Manitoba

John Wood Company Ltd., Winnipeg

Alberta

Peerless Motor Products Ltd., Calgary

British Columbia

McIntosh Supply Ltd., Vancouver

Ramsay Machine Works Ltd., Victoria

FILTERS, OIL

	<u>Quantity</u> no.
Consumption Western Canada	4,000,000
Consumption Alberta	1,135,000
Production Alberta	Nil
Production Gap	1,135,000

Freight Rate:

Oshawa - Edmonton	\$4.22/cwt.	24,000 lbs. minimum
Calgary	\$4.32/cwt.	24,000 lbs. minimum

Manufacturers of Oil Filters, Western Canada:

Manitoba

John Wood Company Ltd., Winnipeg

British Columbia

McIntosh Supply Ltd., Vancouver

Ramsay Machine Works Ltd., Victoria

FOOTWEAR, CHILDREN AND INFANTS

	<u>Value</u> (Retail Price) \$'000
Consumption Western Canada	2,900
Consumption Alberta	1,000
Production Alberta	Nil
Production Gap	1,000

Freight Rate (Pool Car):

		Minimum Weights	
	1,000 lb.	10,000-20,000 lbs.	20,000 lbs. & over
	<hr/>		
	\$/cwt.		
Toronto - Edmonton	5.10	5.00	4.75
- Calgary	5.17	5.07	4.75

Manufacturers of Childrens Shoes, Western Canada:

Manitoba

Coiner Slipper Ltd., Winnipeg
Continental Crafts Ltd., Winnipeg
Northern Shoe Mfg., Co. Ltd., Winnipeg

FURNACES, WARM AIR, GAS

	<u>Value</u> <u>\$'000</u> (Manufacturers Price)
Consumption Western Canada..	4,000
Consumption Alberta	1,200
Production Alberta	Confidential
Production Gap	*

* Datum confidential but an opportunity appears to exist.

<u>Freight Rate:</u>	<u>Minimum Weight</u>		
	<u>20,000 lb.</u>	<u>24,000 lb.</u>	<u>30,000 lb.</u>
Toronto - Edmonton		\$3.72/cwt.	\$3.53/cwt.
Calgary	\$3.96/cwt.		

Manufacturers of Gas Furnaces, Western Canada:

Manitoba

Bullocks Ltd., Winnipeg
Furnasman (Furance) Ltd., Winnipeg
Silverline Mfg. Co. Ltd., Winnipeg

Alberta

Flame-Master Ltd., Edmonton

British Columbia

Airco Products Ltd., Vancouver
Coast Foundry Co. Ltd., Burnaby
Cyclos Mfg. Co. Ltd., Victoria
Eburne Sheet Metal Ltd., Vancouver
Numfort Furnace Ltd., Vancouver
Lockhead Haggerty Engineering and Mfg. Co. Ltd., Burnaby

GLOVES AND MITTS, DRESS AND SPORT

	Value (Retail Prices) \$'000
Consumption Western Canada	8,800
Consumption Alberta	4,400
Production Alberta	Confidential
Production Gap	*

* Datum confidential but an industrial opportunity appears to exist.

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	<hr/> \$/cwt.		
Toronto - Edmonton)			
- Calgary)	7.36	7.26	6.94

Freight Rate: Orlon, leather, vinyl, wool, and nylon. (Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Gloves and Mitts, Western Canada:

Manitoba

Custom Woollen Mitts, Sifton
Dressler Headwear Ltd., Morden
Goodwear Glove Co. Ltd., Winnipeg
H & A Sportswear and Leather Mfg., Winnipeg
Pro Golf Distributors Ltd., Winnipeg
Raber Glove Mfg. Co. Ltd., Winnipeg
Standard Glove Works, Winnipeg

Alberta

Alberta Glove Co. Ltd., Edmonton

British Columbia

Marca Glove Co. Ltd., Vancouver
Parker Glove Co., Vancouver
Toft Furs, Vancouver
Treen Glove Co. Ltd., Vancouver
Watson, John, Ltd., Vancouver

HATS AND CAPS, MENS AND BOYS

	Value (Retail Price) \$'000
Consumption Western Canada	5,500
Consumption Alberta	1,900
Production Alberta	Confidential
Production Gap	*

* Data confidential but an industrial opportunity appears to exist.

Freight Rate:

Toronto - Edmonton	\$6.12/cwt.
- Calgary	\$6.12/cwt.

Manufacturers of Men's and Boys Hats, Western Canada

Manitoba

Beaver Headwear and Sportswear Ltd., Winnipeg
Biltmore Hats (Western) Ltd., Winnipeg
Buffalo Hat and Cap Co. Ltd., Winnipeg
Crown Cap Mfg. Co. Ltd., Winnipeg
Dominion Hat and Cap Co. Ltd., Winnipeg
Dressler Headwear Ltd., Morden
Eagle Fur Co. Ltd., Winnipeg
Gay, P., and Sons Ltd., Winnipeg
Gerb of Canada, Winnipeg
Manitoba Cap Mfg. Co., Winnipeg
Modern Headwear Ltd., Winnipeg
Pasicou, H., Fur Co., Winnipeg
Prudential Industries, Winnipeg
Shumsky Fur Co., Winnipeg
Twentieth Century Headwear Ltd., Winnipeg

Alberta

Edmonton Furriers Ltd., Edmonton
Smithbuilt Hats Ltd., Calgary

British Columbia

Lando's Ltd., Vancouver
Western Cap Co. Ltd., Vancouver

HATS, WOMENS AND GIRLS

	<u>Value</u> (Retail Price) \$'000
Consumption Western Canada	9,300
Consumption Alberta	3,200
Production Alberta	Confidential
Production Gap	*

* Data confidential but an industrial opportunity appears to exist.

Freight Rate:

Toronto - Edmonton	\$6.12/cwt.
Calgary	\$6.12/cwt.

Manufacturers of Womens and Girls Hats, Western Canada:

Manitoba

Biltmore Hats (Western) Ltd., Winnipeg
Buffalo Hat and Cap Co. Ltd., Winnipeg
Crown Cap Mfg. Co. Ltd., Winnipeg
Dressler Headwear Ltd., Morden
Eagle Fur Co. Ltd., Winnipeg
Neaman Fur Co. Ltd., Winnipeg
Prudential Industries, Winnipeg
Shumsky Fur Co., Winnipeg

Alberta

Edmonton Furriers Ltd., Edmonton

British Columbia

Lando's Ltd., Vancouver

HEADLIGHTS

	<u>Quantity</u> no.
Consumption Western Canada	2,800,000
Consumption Alberta	800,000
Production Alberta	Nil
Production Gap	800,000

Freight Rate

Cshawa - Edmonton	\$4.22/cwt.	24,000 lbs. minimum
Calgary	\$4.32/cwt.	24,000 lbs. minimum

No Manufacturers of Headlights in Western Canada.

HEATERS, WATER TANK, DOMESTIC

	Value (Manufacturers Price) \$'000
Consumption Western Canada	6,200
Consumption Alberta	1,600
Production Alberta	Confidential
Production Gap	*

* Datum confidential but an opportunity appears to exist.

Freight Rate:

Toronto - Edmonton	\$4.60/cwt.	24,000 lbs. minimum
Calgary	\$4.68/cwt.	24,000 lbs. minimum

Manufacturers of Water Heaters, Western Canada:

Manitoba

Carter, James B., Ltd., Winnipeg
Greenstill Hydronics Ltd., Winnipeg
Red Devil Heater Mfg. Co., Winnipeg

Alberta

Cone Water Heaters Ltd., Calgary

British Columbia

Airco Products Ltd., Vancouver
Allied Engineering of B. C. Ltd., Vancouver
Crombie, H.K. Ltd., Vancouver
Dickinson's Ltd., Vancouver
Elco Mfg. Co. Ltd., Vancouver
McDonell Metal Mfg. Co. Ltd., Vancouver
Peach City Foundry, Penticton
Sanford Pearce Ltd., North Vancouver
Victoria Machinery Depot Co. Ltd., Victoria.

HOUSECOATS, BATHROBES, WOMENS AND GIRLS

	Value (Retail Prices) \$'000
Consumption Western Canada	4,100
Consumption Alberta	1,400
Production Alberta	Confidential
Production Gap	*

* Datum confidential but an industrial opportunity appears to exist.

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	<hr/> \$/cwt. <hr/>		
Toronto - Edmonton)			
- Calgary)	7.36	7.26	6.94

Freight Rate: Cotton terry, cotton, nylon, velvet, wool, wool blends,
rayon, satin and silk.

(Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Womens and Girls Housecoats and Bathrobes,
Western Canada:

Manitoba

Ladies Kraft Sales of Canada Ltd., Winnipeg

Alberta

Emery Co. Ltd., Edmonton

British Columbia

Vancouver Garments Ltd., Vancouver

JACKETS, PARKAS, WINDBREAKERS, MENS AND BOYS

	<u>Value</u> (Retail Prices) \$'000
Consumption Western Canada	8,100
Consumption Alberta	3,200
Production Alberta	1,900
Production Gap	1,300

Freight Rates (Pool Car):

	<u>Minimum Weights</u>		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	<u>\$/cwt.</u>		
Toronto - Edmonton)			
- Calgary)	7.36	7.26	6.94

Freight Rate: Leather, suede, fur fabric, nylon, cotton, wool,
wool blends, nylon blends and vinyl.

(Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Mens and Womens Jackets, Western Canada:

See "Jackets, Womens and Girls, All Kinds".

JACKETS, WOMENS AND GIRLS, ALL KINDS

	Value (Retail Prices) \$'000
Consumption Western Canada	7,800
Consumption Alberta	2,700
Production Alberta	Nil
Production Gap	2,700

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	\$/cwt.		
Toronto - Edmonton)			
- Calgary)	7.36	7.26	6.94

Freight Rate: Leather, suede, fur fabric, nylon, cotton, wool, wool blends, nylon blends and vinyl.

(Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Jackets, Mens and Womens Western Canada:

Manitoba

Armour Clothing Mfg. Ltd., Winnipeg
Bentleys of London Slacks Ltd., Winnipeg
California Leather and Sportswear, Winnipeg
Canadian Garment Co. Ltd., Winkler, Miami
Central Sportswear Mfg. Co. Ltd., Winnipeg
Florida Sportswear Mfg. Ltd., Winnipeg
Freed, Josef, Clothing Co. Ltd., Winnipeg
Gerhard Kennedy (Canada) Ltd., Winnipeg
Glesby Garment Ltd., Winnipeg
H & A Sportswear and Leather Mfg., Winnipeg
Harv-Al Sportswear Ltd., Winnipeg
Jacobs, Aubie, Sportswear Mfg., Winnipeg
Junior Wear Ltd., Winnipeg
Kaplan's Mfg. Co. Ltd., Winnipeg
Karma Clothing Ltd., Winnipeg
Manitoba Pant & Sportswear Mfg. (1965) Ltd., Winnipeg
Model Manufacturing Co. Ltd., Winnipeg
Purless Garments Ltd., Winnipeg
Raber Togs Mfg. Co., Winnipeg

Manitoba (continued)

Rice Sportswear Ltd., Winnipeg
Richlu Sportswear Mfg. Ltd., Winnipeg
Riverdale Sportswear, Winnipeg
S & S Sportswear Ltd., Winnipeg
Sabina Sportswear Mfg. Co. Ltd., Winnipeg
St. Malo Mfg. Co. Ltd., Winnipeg
Seder Sportswear Ltd., Winnipeg
Service Sportswear Mfg. Ltd., Winnipeg
Sport - Ease Fashions, Winnipeg
Sportswear Specialties Co. Ltd., Winnipeg
Squire Mfg. Ltd., Winnipeg
Style Champ Crest & Sportswear Mfg. Co., Winnipeg
Superior Sportswear Ltd., Winnipeg
Twentieth Century Headwear Ltd., Winnipeg
Viceroy Sportswear Ltd., Winnipeg
Victoria Leather Jacket Co. Ltd., Winnipeg
Western Glove Works Ltd., Winnipeg
Winkler Apparel Ltd., Winkler
Winnipeg Leather Goods Mfg. Ltd., Winnipeg

Alberta

Calberta Mfg. Ltd., Calgary
Great West Garment Co. Ltd., Edmonton
La Fleche Brothers Ltd., Edmonton
Marve Holland Mfg. Ltd., Edmonton
Reynolds Mfg. Co. Ltd., Edmonton
Sprung - Clindinin Ltd., Calgary

British Columbia

Atlas Sportswear Ltd., Vancouver
Queen Bess Dress Co. Ltd., Vancouver
Tami Fashions Ltd., Vancouver
Thompson Leather Goods Co., Vancouver
Tyrol Mfg. Corp. Ltd., North Vancouver

LIGHTING FIXTURES, FLOURESCENT

	<u>Value</u> (Manufacturers Price) \$'000
Consumption Western Canada	10,200
Consumption Alberta	3,100
Production Alberta	Nil
Production Gap	3,100

Freight Rate:

Montreal - Edmonton	\$3.58/cwt.	40,000 lbs. minimum
Calgary	\$3.63/cwt.	40,000 lbs. minimum

Manufacturers of Lighting Fixtures, Western Canada:

Manitoba

Advance Lighting Ltd., Winnipeg
Electrolier Corp., Winnipeg
Globe Electric Mfg. Co., Winnipeg
Ideal Electric Mfg. Co., Winnipeg
L & S Mfg. Ltd., Winnipeg
Lighting Materials Ltd., Winnipeg
Sign - O - Lite Displays, Winnipeg

British Columbia

Advance Industries Ltd., Vancouver
Bell-Craft Woodworks, North Surrey
C and M Products Ltd., Vancouver
Duck, John and Son Ltd., Vancouver
Freeman, W. and Son Ltd., Burnaby
Neon Products of Canada Ltd., Vancouver and Victoria
Regal Lamps and Shades Ltd., Vancouver
Specialty Lighting Ltd., Vancouver
Western Lighting Fixture Co. Ltd., Vancouver

LIGHTING FIXTURES, INCANDESCANT

	<u>Value</u> (Manufacturers Price) \$'000
Consumption Western Canada	4,600
Consumption Alberta	1,400
Production Alberta	Nil
Production Gap	1,400

Freight Rate:

Toronto - Edmonton	\$3.64/cwt.	40,000 lb. minimum
Calgary	\$3.64/cwt.	40,000 lb. minimum

Manufacturers of Lighting Fixtures, Western Canada:

Manitoba

Advance Lighting Ltd., Winnipeg
Electrolier Corp., Winnipeg
Globe Electric Mfg. Co., Winnipeg
Ideal Electric Mfg. Co., Winnipeg
L and S Mfg. Ltd., Winnipeg
Lighting Materials Ltd., Winnipeg
Sign-O-Lite Displays, Winnipeg

British Columbia

Advance Industries Ltd., Vancouver
Bell-Craft Woodworks, North Surrey
C and M Products Ltd., Vancouver
Duck, John and Son Ltd., Vancouver
Freeman W. and Son Ltd., Burnaby
Neon Products of Canada Ltd., Vancouver and Victoria
Regal Lamps and Shades Ltd., Vancouver
Specialty Lighting Ltd., Vancouver
Western Lighting Fixture Co. Ltd., Vancouver

LINGERIE

	Value (Retail Prices) \$'000
Consumption Western Canada	17,700
Consumption Alberta	6,100
Production Alberta	Confidential
Production Gap	*

* Datum confidential but an industrial opportunity appears to exist.

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	<hr/> \$/cwt. <hr/>		
Toronto - Edmonton)			
- Calgary)	7.36	7.26	6.94

Freight Rate: Cotton, nylon, cotton blends, dacron, silk, rayon, satin, and lace fabrics.

(Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Lingerie, Western Canada:

Alberta

The Emery Co. Ltd., Edmonton

British Columbia

Gordon, Elizabeth, (1958) Ltd., Vancouver

LOCKERS AND SHELVING

	<u>Value</u> (Manufacturers Price) \$'000
Consumption Western Canada	4,000
Consumption Alberta	1,300
Production Alberta	Confidential
Production Gap	*

* Datum confidential but an opportunity appears to exist.

Freight Rate:

	<u>Minimum Weight</u>	
	<u>24,000 lb.</u>	<u>30,000 lb.</u>
Toronto - Edmonton	\$3.74/cwt.	\$3.62/cwt.
Calgary	\$3.74/cwt.	\$3.62/cwt.

Manufacturers of Metal Lockers, Western Canada:

Manitoba

Westeel-Rosco Ltd., St. Boniface

Alberta

Westeel-Rosco Ltd., Calgary

British Columbia

Westeel-Rosco Products Ltd., Vancouver

NAILS, WIRE, IRON AND STEEL

	<u>Quantity</u> M. lb.	<u>Value</u> (Manufacturers Price) \$'000
Consumption Western Canada	49,800	5,100
Consumption Alberta	16,600	1,700
Production Alberta	Confidential	
Production Gap	*	

* Datum confidential but an opportunity appears to exist.

Freight Rate:

	Minimum Weight		
	60,000 lb.	70,000 lb.	80,000 lb.
Toronto - Edmonton	\$1.99/cwt.	\$1.94/cwt.	\$1.83/cwt.
Calgary	\$1.94/cwt.	\$1.88/cwt.	\$1.83/cwt.

Manufacturers of Nails, Western Canada:

Manitoba

Burson Industries, Winnipeg

Alberta

Irving Industries Ltd., Calgary

British Columbia

Morrison Steel and Wire Co. Ltd., Vancouver

Tree Island Steel Co. Ltd., Richmond

NYLON STOCKINGS

	<u>Value</u> (Retail Prices) \$'000
Consumption Western Canada	35,300
Consumption Alberta	12,200
Production Alberta	Nil
Production Gap	12,200

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	<hr/> \$/cwt. <hr/>		
Toronto - Edmonton)			
- Calgary)	7.36	7.26	6.94

Freight Rate: Nylon. (Class Rate)

Toronto - Edmonton	\$5.63/cwt.	36,000 lbs. minimum
- Calgary	\$5.72/cwt.	36,000 lbs. minimum

Manufacturers of Nylon Hosiery, Western Canada:

Manitoba

Doris Hosiery (Western) Ltd., Winnipeg
Sheer Mist Hosiery Ltd., Winnipeg and Teulon

OILCAKE AND MEAL, SOYBEAN, LINSEED AND OTHER

	<u>Quantity</u> tons	<u>Value</u> \$'000
Consumption Alberta	26,225	2,398
Production Alberta	Confidential	
Production Gap	*	

* Datum confidential but an opportunity appears to exist.

Freight Rates:

Toronto - Edmonton	\$3.09/cwt. Class rates 40,000 lbs. minimum
Calgary	\$3.12/cwt. Class rates 40,000 lbs. minimum

Manufacturers in Western Canada:

Alberta

Alberta Linseed Oil Co. Ltd., Medicine Hat
Western Canadian Seed Processors Ltd., Lethbridge

British Columbia

Buckerfields Ltd., Vancouver

OVERSHOES, RUBBER BOOTS, SNOWBOOTS, MEN'S AND BOYS

	Value (Retail Price) \$'000
Consumption Western Canada	5,700
Consumption Alberta	2,000
Production Alberta	Nil
Production Gap	2,000

Freight Rate (Pool Car):

	Minimum Weights		
	1,000 lb.	10,000-20,000 lbs.	20,000 lbs. & over
	\$/cwt.		
Toronto - Edmonton	5.10	5.00	4.75
- Calgary	5.17	5.07	4.75

Manufacturers of Snowboots, Western Canada:

Manitoba

Continental Crafts Ltd., Winnipeg
Northern Shoe Mfg. Co. Ltd., Winnipeg

OVERSHOES, RUNNERS AND SHOW BOOTS, WOMEN'S AND GIRLS

	Value (Retail Price) \$'000
Consumption Western Canada	9,300
Consumption Alberta	3,200
Production Alberta	Nil
Production Gap	3,200

Freight Rate (Pool Car):

		Minimum Weights		
		1,000 lb.	10,000-20,000 lbs.	20,000 lbs. & over
		\$/cwt.		
Toronto to Edmonton	5.10	5.00	4.75	
Calgary	5.17	5.07	4.75	

Manufacturers of Snowboots Western Canada:

Manitoba

Continental Crafts Ltd., Winnipeg
Northern Shoe Mfg. Co. Ltd., Winnipeg

PAPER, NEWSPRINT

	<u>Value</u> <u>\$'000</u>
Consumption Alberta	3,977
Production Alberta	Nil
Production Gap	3,977

Freight Rate:

Sault Ste Marie - Edmonton	\$2.77/cwt.	40,000 lbs. minimum
Calgary		

Manufacturers in Western Canada:

Manitoba

Abitibi Manitoba Paper Ltd., Pine Falls

British Columbia

B. C. Forest Products Ltd., Vancouver
Crown Zellerbach Canada Ltd., Vancouver
MacMillan Bloedel Ltd., Vancouver

PARTICLEBOARD

	<u>Quantity</u> M. sq. ft.	<u>Value</u> (Manufacturers Price) \$'000
Consumption Western Canada	26,400	2,900
Consumption Alberta	8,000	900
Production Alberta		Nil
Production Gap	8,000	900

Freight Rate:

	<u>Minimum Weight</u>			
	<u>70,000 lb.</u>	<u>80,000 lb.</u>	<u>90,000 lb.</u>	<u>100,000 lb.</u>
Kirkland Lake, Ontario				
- Edmonton	\$2.69/cwt.	\$2.26/cwt.	\$2.21/cwt.	\$2.18/cwt.
- Calgary	\$2.69/cwt.	\$2.26/cwt.	\$2.21/cwt.	\$2.18/cwt.

Particleboard Manufacturers Western Canada:

British Columbia
MacMillan Bloedel Ltd., Vancouver

PLAYSUITS, SUNSUITS, OVERALLS, CHILDREN

	Value (Retail Prices) \$'000
Consumption Western Canada	4,300
Consumption Alberta	1,500
Production Alberta	Nil
Production Gap	1,500

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	<hr/> \$/cwt. <hr/>		
Toronto - Edmonton)			
- Calgary)	7.36	7.26	6.94

Freight Rate: Cotton, nylon, cotton blends and fabrics.
(Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Childrens Wear, Western Canada:

See "Coats, Coat Sets, Buntings, Snow Suits, Childrens and Infants".

PUMPS, FUEL

	<u>Quantity</u> no.
Consumption Western Canada	700,000
Consumption Alberta	200,000
Production Alberta	Nil
Production Gap	200,000

Freight Rates:

Oshawa - Edmonton	\$4.22/cwt. 24,000 lbs. minimum
Calgary	\$4.32/cwt. 24,000 lbs. minimum

Manufacturers of Fuel Pumps, Western Canada:

Manitoba

Automotive Accessory Co. Ltd., Winnipeg
New Super Motor Products Ltd., Winnipeg
Western Engine Works Ltd., Winnipeg

SHIRTS, DRESS, MENS AND BOYS

	Value (Retail Prices) \$'000
Consumption Western Canada	13,900
Consumption Alberta	4,800
Production Alberta	Nil
Production Gap	4,800

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	\$/ cwt.		
Toronto - Edmonton)			
- Calgary)	7.36	7.26	6.94

Freight Rate: Cotton, nylon, cotton blends, nylon blends.
(Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

No Manufacturers in Western Canada.

SHIRTS, SPORT, KNIT AND WOVEN, MENS AND BOYS

	<u>Value</u> (Retail Prices) \$'000
Consumption Western Canada	17,000
Consumption Alberta	5,900
Production Alberta	Nil
Production Gap	5,900

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	<hr/> \$/cwt. <hr/>		
Toronto - Edmonton)			
- Calgary)	7.36	7.26	6.94

Freight Rate: Cotton, nylon, cotton blends, dacron, nylon blends.
(Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Mens and Boys Sport Shirts, Western Canada:

Manitoba

Florida Sportswear Mfg. Ltd., Winnipeg
Gerhard Kennedy (Canada) Ltd., Winnipeg
Mid - West Garments Ltd., Winnipeg
Monarch Wear of Canada Ltd., Winnipeg, Steinbach, Beausejour,
Portage La Prairie
Saxon of California, Winnipeg

British Columbia

Lansdowne Sportswear Ltd., Vancouver
Mars Mfg. Ltd., Vancouver
Townline Sportswear Ltd., Vancouver

SHOCK ABSORBERS

	<u>Quantity</u> no.
Consumption Western Canada	3,600,000
Consumption Alberta	1,140,000
Production Alberta	nil
Production Gap	1,140,000

Freight Rates

Oshawa - Edmonton	\$4.22/cwt.	24,000 lbs. minimum
Calgary	\$4.32/cwt.	24,000 lbs. minimum

Manufacturers of Shock Absorbers, Canada:

Ontario

Canadian Acme Screw & Gear, Toronto
Gabriel of Canada Ltd., Toronto
Monroe-Acme (1965) Ltd., Toronto

SHOES, DRESS, MENS AND BOYS

Value
(Retail Price)
\$'000

Consumption Western Canada
Consumption Alberta
Production Alberta
Production Gap

22,000
7,600
Nil
7,600

Freight Rate (Pool Car):

	1,000 lb.	Minimum Weights	
		10,000-20,000 lbs.	20,000 lbs. & over
		\$/cwt.	
Toronto - Edmonton	5.10	5.00	4.75
- Calgary	5.17	5.07	4.75

Manufacturers of Mens and Boys Dress Shoes, Western Canada:

Manitoba

Coiner Slipper Ltd., Winnipeg
Greb Industries Ltd., Winnipeg
Northern Shoe Mfg. Co., Winnipeg

British Columbia

Lang, M., and Co., Vancouver
Leckie, J., Co. Ltd., Vancouver
Paris, Pierre, and Sons Ltd., Vancouver

SHOES, SPORT, CASUAL, WORK, MENS AND BOYS

Value
(Retail Price)
\$'000

Consumption Western Canada	12, 100
Consumption Alberta	4, 200
Production Alberta	Confidential
Production Gap	*

* Datum confidential but an industrial opportunity appears to exist.

Freight Rate (Pool Car):

	Minimum Weights		
	1, 000 lb.	10, 000-20, 000 lbs.	20, 000 lbs. & over
	\$/ cwt.		
Toronto - Edmonton	5. 10	5. 00	4. 75
- Calgary	5. 17	5. 07	4. 75

Manufacturers of Mens and Boys Shoes, Other than Dress, Western Canada:

Manitoba

Coiner Slipper Ltd., Winnipeg
 Continental Crafts Ltd., Winnipeg
 Dorfman, O., Furriers, Winnipeg
 Dressler Headwear Ltd., Morden, Winnipeg
 Finberg Manufacturing Co. Ltd., Winnipeg
 Lambskin Specialties, Winnipeg
 Northern Shoe Mfg., Co. Ltd., Winnipeg
 Skills Unlimited, Winnipeg
 Superior Slipper Mfg. Co., Winnipeg

Alberta

Jaguar Shoes Ltd., Calgary
 Tex Tan Kenway Leather Co. Ltd., Calgary

British Columbia

Dayton Shoe Mfg. Co. (B. C.) Ltd., Vancouver
 Heads, W. J., Boot Factory Ltd., Vancouver
 Lang, M. and Co., Vancouver
 Leckie, J., Co. Ltd., Vancouver
 Lobel Orthopaedic Mfg., New Westminster
 Paris, Pierre, and Sons Ltd., Vancouver
 Rino Shoe and Boots Ltd., Vancouver
 Tri Products Ltd., Vancouver
 Wooden Sole Shoe Factory, Vancouver

SECTRS. WOMENS AND GIRLS, DRESS AND CASUAL

	<u>Value</u> (Retail Price) \$'000
Consumption Western Canada	52,600
Consumption Alberta	20,200
Production Alberta	Nil
Production Gap	20,200

Freight Rate (Pool Car):

	Minimum Weights		
	1,000 lb.	10,000-20,000 lbs.	20,000 lbs. & over
	<hr/> \$/cwt.		
Toronto - Edmonton	5.10	5.00	4.75
- Calgary	5.17	5.07	4.75

No Manufacturers in Western Canada

SKIRTS

	Value (Retail Prices) \$'000
Consumption Western Canada	12,400
Consumption Alberta	4,300
Production	Confidential
Production Gap	*

* Datum confidential but an industrial opportunity appears to exist.

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	\$/cwt.		
Toronto - Edmonton)	7.36	7.26	6.94
- Calgary)			

Freight Rate: Cotton, cotton blends, wool, wool blends, nylon,
nylon blends and synthetics.

(Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Skirts, Western Canada:

Manitoba

Canadian National Institute for the Blind, Winnipeg
Joni Originals Ltd., Winnipeg
Stall, S., and Son Ltd., Winnipeg

Alberta

Hatchwear Uniform Co. Ltd., Calgary
White Stag of Canada, Edmonton

British Columbia

Aljean of Canada Ltd., Vancouver
B. C. Fashion Garment Co. Ltd., Vancouver
Campbell, Gordon, Ltd., Vancouver
Chambers, James, Mfg. Co. Ltd., Vancouver
Colorcraft Sportswear Ltd., Vancouver
Karet of California (Canada) Ltd., Vancouver
Modernize Tailors, Vancouver
Original Blouse Co. Ltd., Vancouver
Pacific Clothing Co. Ltd., Vancouver
Queen Bess Dress Co. Ltd., Vancouver

SOCKS, NYLON AND OTHER, MENS AND BOYS

	Value (Retail Prices) \$'000
Consumption Western Canada	3,100
Consumption Alberta	1,100
Production Alberta	Nil
Production Gap	1,100

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	\$/cwt.		
Toronto - Edmonton)			
- Calgary)	7.36	7.26	6.94

Freight Rate: Cotton, nylon, nylon blends, and cotton blends. (Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Mens and Boys Hosiery, Western Canada:

Manitoba

Custom Woollen Mills, Sifton

SOCKS, WOOL AND WOOL MIXTURE, MENS AND BOYS

	Value (Retail Prices) \$'000
Consumption Western Canada	8,100
Consumption Alberta	2,800
Production Alberta	Nil
Production Gap	2,800

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	\$/cwt.		
Toronto - Edmonton)			
- Calgary)	7.36	7.26	6.94

Freight Rate: Wool and wool mixture fabrics.
(Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Mens and Boys Hosiery, Western Canada:

Manitoba

Custom Woollen Mills, Sifton

SPARK PLUGS

	<u>Quantity</u> no.
Consumption Western Canada	4,000,000
Consumption Alberta	1,135,000
Production Alberta	Nil
Production Gap	1,135,000

Freight Rates:

Oshawa - Edmonton	\$4.22/cwt.	24,000 lbs. minimum
Calgary	\$4.32/cwt.	24,000 lbs. minimum

Manufacturers of Spark Plugs, Canada

Ontario

Champion Spark Plug Co. of Canada Ltd., Windsor
McKinnon Industries Ltd., St. Catharines
Prestolite Co., Division Eltra of Canada Ltd., Point Edward

STEEL, HOT OR COLD ROLLED EXCEPT ALLOY AND TOOL

	Quantity tons	Value \$'000
<u>BARS</u>		
Consumption Alberta	24,515	3,562
Production Alberta	Confidential	
Production Gap	*	
<u>PLATES 3/16" and Thicker</u>		
Consumption Alberta	29,620	5,830
Production Alberta	Nil	
Production Gap	29,620	5,830
<u>SHEETS, Plain, under 3/16"</u>		
Consumption Alberta	10,491	2,069
Production Alberta	Nil	
Production Gap	10,491	2,069
<u>SHEETS, Galvanized and Tinplate, under 3/16"</u>		
Consumption Alberta	13,361	3,183
Production Alberta	Nil	
Production Gap	13,361	3,183
<u>STRUCTURAL SHAPES, Unfabricated</u>		
Consumption Alberta	42,482	7,251
Production Alberta	Confidential	
Production Gap	*	

* Data confidential but an opportunity appears to exist.

Freight Rates: (except Structural Shapes)

Toronto - Edmonton)	\$2.11/cwt.	120,000 lbs. minimum
Calgary)		

Iron and Steel Mills in Western Canada:

Manitoba

Abex Industries of Canada Ltd., Selkirk
Manitoba Rolling Mills Co. Ltd., Winnipeg

Alberta

Irving Industries (Foothills Steel Foundry Div.), Calgary
Quality Steel Foundries Ltd., Edmonton
Steel Co. of Canada Ltd., Edmonton

British Columbia

A-1 Steel and Iron Foundry Ltd., Vancouver
Cominco Ltd., Trail and Kimberly
Esco Ltd., Foundry Division, Port Coquitlam
Western Canada Steel Ltd., Vancouver

SUITS, OTHER THAN WOOL, MENS

	Value (Retail Prices) \$'000
Consumption Western Canada	4,300
Consumption Alberta	1,500
Production Alberta	Confidential
Production Gap	*

* Datum confidential but an industrial opportunity appears to exist.

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	\$/cwt.		
Toronto - Edmonton)	7.36	7.26	6.94
- Calgary)			

Freight Rate: Cotton, nylon, nylon blends, gabardine and fabrics.
(Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Mens Suits, Western Canada:

Alberta

LaFleche Brothers Ltd., Edmonton

British Columbia

Campbell, Gordon, Ltd., Vancouver
Drapeshire Clothes Ltd., Vancouver
Hammer the Tailor, Vancouver
Lounge Fashion Clothes Ltd., Vancouver
Matz - Womy, Vancouver
Modernize Tailors, Vancouver
Pacific Clothing Co. Ltd., Vancouver
Palette Custom Tailors, Vancouver
Pruner Tailors, Vancouver

SUITS, WOMENS AND GIRLS

Value
(Retail Prices)
\$'000

Consumption Western Canada	29,200
Consumption Alberta	10,100
Production Alberta	Nil
Production Gap	10,100

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	\$/cwt.		
Toronto - Edmonton)	7.36	7.26	6.94
- Calgary)			

Freight Rate: Wool, nylon, cotton, cotton blends, nylon blends,
wool blends, camel hair, mohair, silk and synthetics.

(Class Rate)

Toronto - Edmonton	\$5.63/cwt.	36,000 lbs. minimum
- Calgary	\$5.72/cwt.	36,000 lbs. minimum

Manufacturers of Womens and Girls Suits, Western Canada:

Manitoba

Frankroy Ltd., Winnipeg
Goldberg Brothers Ltd., Winnipeg
Gunn Garment Ltd., Winnipeg
Jacob Crowley Mfg. Co. Ltd., Winnipeg
Joni Originals Ltd., Winnipeg
National Cloaks Ltd., Winnipeg
National Sportswear Ltd., Winnipeg
Stall, S., and Son Ltd., Winnipeg
Sterling Cloak Co. Ltd., Winnipeg

British Columbia

Aljean of Canada Ltd., Vancouver
B. C. Fashion Garment Co. Ltd., Vancouver
Chambers, James, Mfg. Co. Ltd., Vancouver
Fitwell Garments Ltd., Vancouver
Hamilton, Marjorie Ltd., Vancouver
Hammer the Tailor, Vancouver
Island Weavers Ltd., Victoria
Maty-Womy, Vancouver
Modernize Tailors, Vancouver
Pacific Clothing Co. Ltd., Vancouver
Van Brit Mfg. Co. Ltd., Vancouver
Wiener, Lore Maria, Ltd., Vancouver

SUITS, WOMENS AND GIRLS, SNOW, SUI AND SLACK

	Value (Retail Prices) \$'000
Consumption Western Canada	4,900
Consumption Alberta	2,900
Production	Nil
Production Gap	2,900

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	20,000-20,000 lbs.	20,000 lbs. & over
	\$/cwt.		
Toronto - Edmonton)	7.36	7.26	6.94
- Calgary)			

Freight Rate: Nylon, wool, nylon blends, wool blends, synthetics. (Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Womens and Girls Ski and Sportwear, Western Canada:

Manitoba

Allan, A. A., and Co. Ltd., Winnipeg
 Armour Clothing Mfg. Ltd., Winnipeg
 B. M. C. Sportswear Ltd., Winnipeg
 Beaver Headwear and Sportswear Ltd., Winnipeg
 Bonwitt Mfg. Ltd., Winnipeg
 Canadian Garment Co. Ltd., Winbler, Miami
 Fashion Ease Ltd., Winnipeg
 Frankroy Ltd., Winnipeg
 Froid, Josef, Clothing Co. Ltd., Winnipeg
 Gerhard Kennedy (Canada) Ltd., Winnipeg
 Jacobs. Aubie, Sportswear Mfg., Winnipeg
 Joni Originals Ltd., Winnipeg
 Mister Jacob Sportswear, Winnipeg
 Monarch Wear of Canada Ltd., Winnipeg, Steinbach, Beausejour,
 Portage La Prairie
 National Sportswear Ltd., Winnipeg

continued

Manitoba (continued)

Prudential Industries, Winnipeg
Raber Togs Mfg. Co., Winnipeg
Sportsmaster Apparel Ltd., Winnipeg
United Garments (1966) Ltd., Winnipeg
Viceroy Sportswear Ltd., Winnipeg
Victoria Leather Jacket Co. Ltd., Winnipeg
Winkler Apparel Ltd., Winkler
Winnipeg Leather Goods Mfg. Ltd., Winnipeg
Young Ideas Ltd., Winnipeg

Alberta

Caravan Manufacturing Ltd., Calgary
Great West Garment Co. Ltd., Edmonton
White Stag of Canada, Edmonton

British Columbia

Altas Sportwear Ltd., Vancouver
Bernard Casuals Ltd., Vancouver
California Sportswear Ltd., Vancouver
Queen Bess Dress Co. Ltd., Vancouver

SUITS, WOOL, MENS

	<u>Value</u> (Retail Prices) \$'000
Consumption Western Canada	43,700
Consumption Alberta	15,100
Production Alberta	Confidential
Production Gap	*

* Datum confidential but an industrial opportunity appears to exist.

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	<hr/>		
	\$/cwt.		
Toronto - Edmonton)	7.36	7.26	6.94
- Calgary)			

Freight Rate: Wool fabrics. (Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Mens Suits Western Canada:

Alberta

La Fleche Brothers Ltd., Edmonton

British Columbia

Campbell, Gordon, Ltd., Vancouver

Drapeshire Clothes Ltd., Vancouver

Hammer the Tailor, Vancouver

Lounge Fashion Clothes Ltd., Vancouver

Matz - Womy, Vancouver

Modernize Tailors, Vancouver

Pacific Clothing Co. Ltd., Vancouver

Palette Custom Tailors, Vancouver

Pricner Tailors, Burnaby

SWEATERS, MENS AND BOYS

	<u>Value</u> (Retail Prices) \$'000
Consumption Western Canada	9,300
Consumption Alberta	3,200
Production Alberta	Confidential
Production Gap	*

* Datum confidential but an industrial opportunity appears to exist.

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	<hr/> \$/cwt. <hr/>		
Toronto - Edmonton)			
- Calgary)	7.36	7.26	6.94

Freight Rate: Wool, ban-lon, mohair, wool blends, and orlon.
(Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Mens and Boys Sweaters, Western Canada:

Manitoba

Harv - Al Sportswear Ltd., Winnipeg
Knit - Rite Mills Ltd., Winnipeg
Loch Lomond Knitwear Ltd., Brandon
Sportswear Specialties Co. Ltd., Winnipeg
Standard Knitting Co. (1967) Ltd., Winnipeg

Alberta

Christie's Knitwear Ltd., Edmonton
Cloverdale Knitting Mills of Alberta Ltd., Edmonton
Marv Holland Mfg. Ltd., Edmonton
White Ram Knitting Co. Ltd., Calgary

British Columbia

Italian Art Knitting Ltd., Vancouver
Jantzen of Canada Ltd., Vancouver
Le Mar Mfg. Co., Vancouver
Norwegian Canadian Knitting Mills Ltd., Victoria
Pride of the West Knitting Mills Ltd., Vancouver
Weber, Anton, Abbotsford

SWEATERS, WOMENS AND GIRLS

	Value (Retail Prices) \$'000
Consumption Western Canada	14,800
Consumption Alberta	5,1000
Production Alberta	Nil
Production Gap	5,100

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	<hr/> \$/cwt. <hr/>		
Toronto - Edmonton)			
- Calgary)	7.36	7.26	6.94

Freight Rate: Wool, wool blends, ban-lon, mohair and orlon. (Class Rate)

Toronto - Edmonton	\$5.63/cwt.	36,000 lbs. minimum
- Calgary	\$5.72/cwt.	36,000 lbs. minimum

Manufacturers of Womens and Girls Sweaters, Western Canada:

Manitoba

Knit - Rite Mills Ltd., Winnipeg
Standard Knitting Co. (1967) Ltd., Winnipeg
Viceroy Sportswear Ltd., Winnipeg

British Columbia

Italian Art Knitting Ltd., Vancouver
Jantzen of Canada Ltd., Vancouver
Le Mar Mfg. Co., Vancouver
Norwegian - Canadian Knitting Mills Ltd., Victoria
Pride of the West Knitting Mills Ltd., Vancouver
Weber, Anton, Abbotsford

TILES, FLOOR, VINYL, ASBESTOS

	<u>Quantity</u> M. sq. yd.	<u>Value</u> (Manufacturers Price) \$'000
Consumption Western Canada	41,600	6,600
Consumption Alberta	12,600	2,000
Production Alberta	Nil	
Production Gap	12,600	2,000

Freight Rate:

	<u>Minimum Weight (lbs.)</u>						
	<u>24,000</u>	<u>30,000</u>	<u>40,000</u>	<u>50,000</u>	<u>60,000</u>	<u>70,000</u>	<u>80,000</u>
Toronto			- \$/cwt. -				
- Edmonton	3.05	2.85	2.77	2.70	2.61	2.58	2.55
- Calgary	3.05	2.85	2.77	2.70	2.61	2.58	2.55

No Manufacturers in Western Canada.

TILES, GLAZED, FLOOR AND WALL

	<u>Quantity</u> M. sq. ft.	<u>Value</u> (Manufacturers Price) \$'000
Consumption Western Canada	10,600	2,900
Consumption Alberta	3,200	900
Production Alberta		Nil
Production Gap	3,200	900

Freight Rate:

	<u>Minimum Weight (lbs.)</u>						
	<u>24,000</u>	<u>30,000</u>	<u>40,000</u>	<u>50,000</u>	<u>60,000</u>	<u>70,000</u>	<u>80,000</u>
Toronto			- \$/cwt. -				
- Edmonton	3.05	2.85	2.77	2.70	2.61	2.58	2.55
- Calgary	3.05	2.85	2.77	2.70	2.61	2.58	2.55

Manufacturers of Ceramic Tile Western Canada:

Saskatchewan

Master Floor and Tile Co., Saskatoon

TROUSERS AND SLACKS, WOOL, MENS AND BOYS

	Value (Retail Prices) \$'000
Consumption Western Canada	17,600
Consumption Alberta	6,100
Production Alberta	Confidential
Production Gap	*

* Datum confidential but an industrial opportunity appears to exist.

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	\$/cwt.		
Toronto - Edmonton)	7.36	7.26	6.94
- Calgary)			

Freight Rate: Wool and wool blends, fabrics. (Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Mens and Boys Trouser and Slacks, Western Canada:

Manitoba

Aetna Garment Co. Ltd., Altona
 Bentleys of London Slacks Ltd., Winnipeg
 Canadian Shirt and Overall Mfg. Co. Ltd., Winnipeg
 Florida Sportswear Mfg. Ltd., Winnipeg
 Freed and Freed Ltd., Winnipeg
 Glesby Garment Ltd., Winnipeg
 Great Western Outerwear and Sportswear Ltd., Brandon
 H & R Mfg. Co. Ltd., Winnipeg
 Hercules Mfg. Co. Ltd., Winnipeg
 Jacobs, Aubie, Sportswear Mfg., Winnipeg
 Kaplan's Mfg. Co. Ltd., Winnipeg
 Manitoba Pant and Sportswear Mfg. (1965) Ltd., Winnipeg
 Monarch Wear of Canada Ltd., Winnipeg, Steinbach, Beausejour,
 Portage La Prairie

continued

Manitoba (continued)

Clympic Pant and Sportswear Co. Ltd., Winnipeg
Standard Garment Mfg. Co., Winnipeg
Steinbach Apparel Mfg., Steinbach
Western Garment Mfg. Ltd., Winnipeg
Western Glove Works Ltd., Winnipeg
Winnipeg Pants and Sportswear Mfg. Ltd., Winnipeg

Alberta

Hallmark Garments Mfg. Ltd., Edmonton
Parker Sportswear Co. Ltd., Edmonton
Sprung - Clindinin Ltd., Calgary
Stylemaster Apparel Ltd., Edmonton

British Columbia

Aero Garment Ltd., Vancouver
Alpine Sportswear Co. Ltd., Vancouver
Campbell, Gordon, Ltd., Vancouver
Drapeshire Clothes Ltd., Vancouver
Gault Brothers Ltd., Vancouver
Lounge Fashion Clothes Ltd., Vancouver
Modernize Tailors, Vancouver
Pacific Clothing Co. Ltd., Vancouver

UNDERWEAR, SHIRTS AND SHORTS, MENS AND BOYS

	Value (Retail Prices) \$'000
Consumption Western Canada	9,200
Consumption Alberta	3,200
Production Alberta	Nil
Production Gap	3,200

Freight Rates (Pool Car):

	Minimum Weights		
	1,000 lbs.	10,000-20,000 lbs.	20,000 lbs. & over
	\$/cwt.		
Toronto - Edmonton)			
- Calgary)	7.36	7.26	6.94

Freight Rate: Cotton, cotton blends.
(Class Rate)

Toronto - Edmonton	\$5.63/cwt. 36,000 lbs. minimum
- Calgary	\$5.72/cwt. 36,000 lbs. minimum

Manufacturers of Mens Underwear, Western Canada:

Manitoba

Hercules Manufacturing Co. Ltd., Winnipeg
Twentieth Century Headwear Ltd., Winnipeg
Windsor Sporting Goods Ltd., Winnipeg

British Columbia

Norwegian - Canadian Knitting Mills Ltd., Victoria

WELDING APPARATUS, ELECTRIC

Value
(Manufacturers Price)
\$'000

Consumption Western Canada	6,900
Consumption Alberta	2,300
Production Alberta	Nil
Production Gap	2,300

Freight Rate:

	Minimum Weight (lbs.)					
	<u>40,000</u>	<u>60,000</u>	<u>80,000</u>	<u>100,000</u>	<u>120,000</u>	<u>140,000</u>
Toronto				- \$/cwt. -		
- Edmonton	4.08	3.99	3.94	3.92		
- Calgary	4.15	4.03	3.97	3.94	3.92	3.87

Manufacturers of Electric Welding Apparatus, Western Canada:

Manitoba

Liquid Carbonic Canadian Corporation Ltd., Winnipeg, Brandon
Krushel L. and Sons, Morden

Saskatchewan

Industrial Welding Ltd., Saskatoon

British Columbia

Harjim Machine Works, Victoria
Nanaimo Foundry and Engineering Works Ltd., Nanaimo
Paragon Equipment Mfg. Co. Ltd., Vancouver
Vancouver Umbrella Ltd., Vancouver

WELDING ROD AND ELECTRODES

Freight Rate:

		Minimum Weight (lbs.)			
		<u>40,000</u>	<u>60,000</u>	<u>80,000</u>	<u>100,000</u>
		- \$/cwt. -			
Carbon Electrodes:					
Montreal, Que. -	Edmonton	3.00	2.78	2.65	2.59
	Calgary	3.00	2.78	2.65	2.59
Welding Rods:					
Montreal, Que. -	Edmonton	2.50	2.32	2.21	2.15
	Calgary	2.50	2.32	2.21	2.15

Manufacturers of Welding Rod and Electrodes Western Canada:

Manitoba

Liquid Carbonic Canadian Corporation Ltd., Winnipeg, Brandon

British Columbia

Staymet Alloys Ltd., Pitt Meadows

WINDOWS, METAL

Value
(Manufacturers Price)
\$'000

Consumption Western Canada	46,000	X 14,213
Consumption Alberta	14,000	4,249
Production Alberta	2,610	
Production Gap	11,390	

Freight Rate:

Toronto - Edmonton	\$5.63/cwt.	20,000 lbs. minimum
Calgary	\$5.76/cwt.	20,000 lbs. minimum

Manufacturers of Metal Window Units, Western Canada:

Manitoba

Allmar Distributors Ltd., Winnipeg
AlSCO Supreme Industries Ltd., Winnipeg
Dominion Bronze Ltd., Winnipeg
Dorwin Industries (1964) Ltd., Winnipeg
Goertyen Aluminum Products, Winnipeg
Killeen, C. A. and Sons Ltd., Winnipeg
Norwesto Aluminum Products, Winnipeg
Storm-Tite Industries Ltd., Winnipeg
Westeel-Rosco Ltd., St. Boniface
West Wind Aluminum Window Mfg., Winnipeg

Saskatchewan

Alglaze Manufacturing, Swift Current
Aluminum and Allied Products Ltd., Moose Jaw
Alumiseal Ltd., Saskatoon
Armco Drainage and Metal Products of Can. Ltd., Regina
Futurama Windows (Sask.) Ltd., Saskatoon
Hi-Life Aluminum Sales Ltd., Regina
Humphrey Aluminum Products Ltd., Regina
Macco Aluminum Products, Swift Current
Master Floor and Tile Co., Saskatoon
Pilkington Glass Ltd., Regina
Silvester Glass Shop, North Battleford
Steven's Aluminum Products Ltd., Saskatoon
Wescab (Sask.) Ltd., Saskatoon
Westeel Products Ltd., Saskatoon

Alberta

AlSCO-Carlton, Calgary
Alum Awning and Window Products Ltd., Calgary
Bordick Mfg. Ltd., Calgary
Canada Iron Foundries Ltd., Calgary
Custom Glass Ltd., Edmonton
Danpat Products Ltd., Edmonton
Dominion Bronze Ltd., Edmonton

(Continued)

Alberta (Continued)

Economy Windows Ltd., Edmonton
Futurama Mfg. Co. Ltd., Edmonton
Gienow Sash and Door Co. Ltd., Calgary
Hollyview Aluminum Products Ltd., Edmonton
Humphrey Aluminum Windows Ltd., Edmonton
Precision Window and Awning, Red Deer
Schieve Aluminum Window and Door Ltd., Edmonton
Superior Sash and Supply (Edmonton) Ltd., Edmonton
Wescab Mfg. Ltd., Edmonton
Western Aluminum Products Ltd., Calgary
Western Building Sealants Contractors Ltd., Calgary
Zeidler Aluminum Products, Edmonton

British Columbia

AAA Aluminum Products Ltd., Burnaby
Ball, Frank, and Son Glass Ltd., Port Alberni
Bogardus Wilson Ltd., Vancouver, Nanaimo, Prince George
Conarroce, Floyd, W., Courtney
Construction Products Div. of Royal Oak Holdings Ltd., Burnaby
Dargatz Glass Ltd., Chilliwack
Daycan Ltd., Div. of Daymond Co. Ltd., Vancouver
Imperial Glass Ltd., Burnaby
NK Aluminum Products Ltd., North Kamloops
W and S Glass and Aluminum Products Ltd., Prince George
Wallins Glass Co. Ltd., Vancouver
Wescraft Mfg. Ltd., Victoria, Saanich
Western Glass Co. Ltd., Vancouver
Wickman Aluminum Products, Vancouver

WINDOW UNITS, WOODEN

Value
(Manufacturers Price)
\$'000

Consumption Western Canada	6,900
Consumption Alberta	2,100
Production Alberta	302
Production Gap	1,798

Freight Rate:

Toronto - Edmonton	\$5.63/cwt.	24,000 lb. minimum
Calgary	\$5.76/cwt.	24,000 lb. minimum

Manufacturers of Wooden Windows, Western Canada:

Manitoba

Allmar Distributors Ltd., Winnipeg
Birkinshaw's, Rapid City
Canadian Glass Works, Winnipeg
Graham-Moorhouse Ltd., Winnipeg
Grant Industries, Winnipeg
Paramount Glass and Millwork Ltd., St. Boniface
Pernsteiner, George, Winnipeg
Shore Glass and Building Supplies Ltd., Winnipeg
Superior Millwork Ltd., Winnipeg
United Sash Co. Ltd., St. Boniface
Winnipeg Window Co., Winnipeg
Yarrow Sash and Door Co., Winnipeg

Saskatchewan

Alglaize Manufacturing, Swift Current
Boychuck Lumber (Sask.) Ltd., Saskatoon
Cushing, R. L. Millwork Co. Ltd., Moose Jaw
Hy-Grade Millwork Ltd., Saskatoon
Logan and Black Ltd., Yorkton
MacWilliams Sash and Door, Swift Current
Maslany, J. Cabinet Mfg. Ltd., Regina
Modern Millworks (Saskatoon) Ltd., Saskatoon
Nelson Manufactured Homes, Lloydminster
Prince Albert Mfg. Co. Ltd., Prince Albert
Shavers Sash and Door Ltd., Regina
Summers, H. and Son Ltd., Saskatoon

Alberta

Calgary Sash and Door Ltd., Calgary
Edmonton Millwork Ltd., Edmonton
Four Star Millwork Co. Ltd., Lethbridge
Grimshaw Woodworks, Grimshaw
Hasmor Millwork Co. Ltd., Calgary
Hilltop Millwork Ltd., Lethbridge
Menzies and Herbert Ltd., Red Deer

(Continued)

Alberta (Continued)

Yanco Millwork Products, Magrath
Zeidler, W. R. (1962) Ltd., Edmonton
Westlock Sash and Door, Westlock

British Columbia

Builders Sash and Door Ltd., Victoria
Castlegar Sash and Door Works, Castlegar
Cowichan Joinery Ltd., Duncan
Dueck Industries Ltd., Abbotsford
Fraser Sash and Door Co. Ltd., Vancouver
Haid's Custom Woodwork, Aldergrove
Hodgson Sash and Door Co. Ltd., Vancouver
Interior Sash and Door Co., North Kamloops
Kayline Construction Products Ltd., North Surrey
Kenyon and Co. Ltd. Millwork Div., Penticton
North Shore Sash and Door Co. Ltd., North Vancouver
North Side Cabinet Shop, Vanderhoof
Nor-Vai Woodworking and Hardware Ltd., North Kamloops
Obal, M. E. Sash and Door Co. Ltd., Trail
Poole, Wm., Ltd., Burnaby
Sherwood Building Products Ltd., North Vancouver
Sigurdson Millwork Co. Ltd., Vancouver
Skippey Sash and Door, Port Alberni
Suburban Sash and Door, Grand Forks
Vancouver Sash and Door Co. Ltd., Vancouver
Western Pacific Mfg. Co., North Surrey

[illegible]